

SITE DESCRIPTION/EXECUTIVE SUMMARY

Site Name and Location

Anderson Municipal Landfill
50250 Eight Mile
Northville, Michigan 48050

County: Oakland
Michigan Code Number: 63-01N-08E-31CD
DNR District: Detroit
EPA ID Number: MID 980618528

SAS Score/Screen No.: 8

The Anderson Municipal Landfill is an inactive fill operation located in Southern Oakland County in Novi Township. The years of active fill are estimated to be 1966 to 1970. During the years of operation the license issued the facility (under Act '87) was violated on several occasions. The owner was cited for illegal burning, inadequate cover, blowing paper and illegal disposal of liquid waste on-site. The site is alleged to have never been properly capped. Located on an outwash moraine, the site was previously mined for gravel before landfill operations began. Fill was then placed into the gravel pit. Presently, the site is partially fenced. No sampling or hydrogeological investigations have occurred on-site although 3 monitoring wells have been drilled on the parcel of property located directly south of the site. No monitoring of these wells has occurred. The direction of groundwater flow is uncertain. Testing of nearby wells on the adjacent Maybury State Park property on 10/13/83 revealed no organic or heavy metal contaminants. Holloway Sand and Gravel (owner of adjacent southern property) wants to excavate the neighboring southern parcel of land for sand and gravel. The company is in the permitting process in order to initiate this action.

Recommendations for EPA

The site is given a medium priority for inspection. Additional groundwater and well sampling need to occur on-site in order to determine the extent of contamination.

Date of Previous Summary:
Previous Author:

Current Date: 10/31/85
Author: N. Rottschäfer

Site Assessment Unit
Groundwater Quality Division
Michigan Dept. of Natural Resources

EPA Region 5 Records Ctr.



380305

SITE DESCRIPTION/EXECUTIVE SUMMARY

Site Name: Anderson Municipal Landfill		County: Oakland
Street Number & Name:		Michigan Code Number: 63-01N-08E-31CD
		DNR District: Detroit
50250 8 Mile Road		EPA ID Number: MID980678528
City:		
Northville		
State:	Zip Code:	
Michigan	48050	SAS Score/Screen No.: 02

A landfill site constructed from a gravel pit. License for general refuse, but violated license on several occasions. The owner was cited for illegal burning, in adequate cover and blowing papers. Although groundwater problems and odor problems have been alleged by local Health Department there have been no complaints from area residents about the groundwater quality.

There are no records, indicating that there is degradation to the groundwater or surface waters.

Date of Previous Summary:
Previous Author:

Current Date: 9/26/84
Author: Lonnie Lee

Site Assessment Unit
Groundwater Quality Division
Michigan Dept. of Natural Resources

SITE DESCRIPTION/EXECUTIVE SUMMARY

Site Name and Location

Anderson Landfill
50250 W. Eight Mile Rd.
Northville, Michigan

County: Oakland
Michigan Code Number: G3-01N-08E-31CD
DNR District: Detroit
EPA ID Number: MID 980678528

SAS Score/Screen No.: 02

This land fill site was constructed from a gravel pit. The site was licensed for general refuse. However, the owner violated the license and was cited for illegal burning, inadequate cover, and blowing papers. Today the site is covered with grass and trees. It appears as if no landfill was ever located at the site. Although groundwater and air problems were alleged by local health officials, there have never been any complaints from area residents about groundwater problems.

Recommendations for EPA

Since there are no records, indicating that there is contamination to groundwaters, monitoring wells should be set up to sample and analyze the groundwater. The domestic refuse once dumped at the site has probably leached and will continue to leach into the area's groundwaters, because of the gravel geological make up of the site. The probability of groundwater contamination is high.

Date of Previous Summary: 9/26/84
Previous Author: Lonnie Lee

Current Date: 4/17/85
Author: Chris Trainor

Site Assessment Unit
Groundwater Quality Division
Michigan Dept. of Natural Resources



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
MI 980678528

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Anderson Municipal Landfill	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 50250 Eight Mile				
03 CITY Northville	04 STATE MI	05 ZIP CODE 48050	06 COUNTY Oakland	07 COUNTY CODE 125	08 CONG DIST 19
09 COORDINATES LATITUDE 42 26 07.0		LONGITUDE 083 34 50.5		Salem Quad, 7.5 series	

10 DIRECTIONS TO SITE (Starting from nearest public road)
I-96 East from Lansing. Exit Novi Rd. South on Novi Rd. approx. 3 1/2 miles to Eight Mile Rd. West on Eight Mile approx. 3 1/2 miles - site is north side of road.

III. RESPONSIBLE PARTIES

01 OWNER (if known)	02 STREET (Business, mailing, residential)				
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER		
07 OPERATOR (if known and different from owner)		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☐ A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103(c)) DATE RECEIVED: _____ MONTH DAY YEAR ☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 10/24/00 MONTH DAY YEAR <input type="checkbox"/> NO	BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input checked="" type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
--	--	--	--	--

02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION BEGINNING YEAR 1966 ENDING YEAR 1970 <input type="checkbox"/> UNKNOWN
--	--

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
liquid industrial waste (type unknown)
residential, commercial, and industrial waste (type unknown)

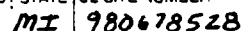
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
groundwater, surface water, drinking water, direct contact (population, environment)
soil (environment)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
--	--	--	--

VI. INFORMATION AVAILABLE FROM

01 CONTACT Susan Nayh	02 OF (Agency/Organization) JCK and Associates, Novi, MI	03 TELEPHONE NUMBER (313) 348-3068
04 PERSON RESPONSIBLE FOR ASSESSMENT Steve Cunningham/Nancy Rottschaefer	05 AGENCY MDNR	06 ORGANIZATION Site Assessment
07 TELEPHONE NUMBER (517) 373-4800		08 DATE 10/30/85 MONTH DAY YEAR



EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE <u>MA</u>	02 SITE NUMBER <u>980678528</u>

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 <input checked="" type="checkbox"/> A. GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: <u>36,894</u>	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>- fill placed into a gravel pit, which was part of an outwash plain (highly permeable, susceptible to rapid movement of contaminants). Testing of wells in Maybury State Park (approx 1/4 mile from the fill in the suspected direction of groundwater flow) revealed no elevated parameters. Three monitoring wells placed on parcel of land bordering fill in direction of groundwater flow have not been sampled.</u>	<input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input checked="" type="checkbox"/> B. SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: <u>36,894</u>	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>- a high potential exists for surface water contamination on-site to occur. A small pond exists on the fill. No sampling of this surface water has occurred.</u>	<input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> C. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>N/A</u>	<input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>N/A</u>	<input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input checked="" type="checkbox"/> E. DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED: <u>3847</u>	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>- site is fenced, but does not appear to be properly capped. Some materials are exposed due to this improper capping. This introduces the potential for direct contact with the waste.</u>	<input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input checked="" type="checkbox"/> F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: <u>32.25</u> (Acres)	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>- approx. 32.25 acres was disturbed and filled on-site. No measures were undertaken during construction or placement of fill in the gravel pit in order to assure the limited spread of contaminants, therefore introducing a high potential for soil contamination.</u>	<input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input checked="" type="checkbox"/> G. DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: <u>36,894</u>	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>- residences in the area rely on private wells. Testing of nearby residential wells (11/1/85) for general chemistry parameters indicated one sample with elevated TOC and COD (7 and 88 mg/L, respectively). Testing of wells in Maybury State Park (11/21/83) for metals revealed no elevated constituents.</u>	<input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> H. WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>N/A</u>	<input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input checked="" type="checkbox"/> I. POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED: <u>36,894</u>	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>- the site is located in a moderately populated rural area in southern Oakland Co. Maybury State Park is located across the road from the landfill, introducing a substantial amount of traffic to the area.</u>	<input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
MD 980678528

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

-several dead sumac trees were observed on-site, according to JCK Engineers. The reason for their demise is uncertain.

01 ☒ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include names of species)

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

-ducks were noted utilizing the surface water body on-site (10/28/85). A high potential exists for damage to waterfowl due to the possible contamination of the surface water body, which is utilized by the ducks as a food and water source.

01 ☒ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

-consumption of potentially contaminated waterfowl from the landfill area would introduce the contamination into the food chain, possibly leading to bioaccumulation and biomagnification.

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Soils/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 36,894

04 NARRATIVE DESCRIPTION

N/A

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

N/A

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

N/A

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

-the owners of the site-in-question were cited in March, 1968 by the Oakland County Department of Health for disposal of liquid wastes on the property. Overall poor compliance record.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

-the site has not been properly graded.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 36,894

IV. COMMENTS

-Holloway Sand and Gravel owns an adjoining parcel of land (bordering the site to the south) which they plan to excavate for sand and gravel. Three monitoring wells have been placed on this property. Before excavation is initiated, the firm must sample wells and show that contaminants from the landfill have not spread.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analyses, reports)

MDNR Water Quality File, Mason Bldg., Lansing, MI